

SEQUENCE LISTING

<110> Mark Marchionni Michael Jarpe Ted Ebendal

<120> METHODS FOR TREATING NEUROLOGICAL INJURIES AND DISORDERS

<130> 47506 (71095) <140> 09/756,481 <141> 2001-01-08 <150> PCT/US99/15106 <151> 1999-07-02 <150> 60/091,791 <151> 1998-07-06 <160> 4 <170> FastSEQ for Windows Version 3.0 <210> 1 <211> 1387 <212> DNA <213> Mouse <220> <221> CDS <222> (218)...(1288) <400> 1 cccttctcca gggactctgg ctgccagcag ctccgccttt cagatcaatt ctcgaccacc 60 caccttggga ctgccgccca gtcctgccct ctggatcagt ggggtccaga cacgccccct 120 ccaggacete aaageaeeee egacetaagg teaceageee aetggeeeea gaegeagtgg 180 gctccgctga ctctcttgga cacctcctgg gaggaaa atg ctc cct gtc tgc cat 235 Met Leu Pro Val Cys His 1 cgt ttt tgc gac cac ctc ctc ctc ctg ctc ttg ctg ccc tcg acg acc 283 Arg Phe Cys Asp His Leu Leu Leu Leu Leu Leu Pro Ser Thr Thr 10 15 ctg gcc ccc gcg cca gca tcc atg ggc ccc gct gcc gcc ctg ctc cag 331 Leu Ala Pro Ala Pro Ala Ser Met Gly Pro Ala Ala Ala Leu Leu Gln 25 35 gtt ctt ggg ctt ccc gaa gcg ccc cgg agc gtc ccc aca cac cga cct 379

Val Leu Gly Leu Pro Glu Ala Pro Arg Ser Val Pro Thr His Arg Pro

		•														
			-	_		cgc Arg		_	-				-		4	27
						ctg Leu									4	75
-	-					cgc Arg			-	_		-			5	23
						agg Arg									5	71
				-	-	aat Asn 125					_			-	6	19
						ctg Leu									6	67
						ctg Leu									7:	15
						gcg Ala			-		_	_	_	-	76	53
					-	gcc Ala	-	-				-			81	11
						cac His 205									85	59
					-	ctg Leu	-	 -	-	-		-	_	-	90)7
						cgc Arg									95	55
						acc Thr									100)3

		•														
				-		gtg Val										1051
						gca A1a 285										1099
	-		-			cac His	-		-	_			_		-	1147
-	-			_		gca Ala		_		-	_					1195
						ctc Leu										1243
_	-			-	-	atg Met			-	-	_		-	-		1288
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135
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Cys Glu Asp Thr Gly Gly Trp Glu Leu Ser Val Ala Leu Trp Ala Asp
                   150
                                       155
Ala Glu His Pro Gly Pro Glu Leu Leu Arg Val Pro Ala Pro Pro Gly
               165
                                   170
Val Leu Leu Arg Ala Asp Leu Leu Gly Thr Ala Val Ala Ala Asn Ala
                                185
Ser Val Pro Cys Thr Val Arg Leu Ala Leu Ser Leu His Pro Gly Ala
                                                205
                            200
Thr Ala Ala Cys Gly Arg Leu Ala Glu Ala Ser Leu Leu Leu Val Thr
                       215
Leu Asp Pro Arg Leu Cys Pro Leu Pro Arg Leu Arg Arg His Thr Glu
                    230
                                        235
Pro Arg Val Glu Val Gly Pro Val Gly Thr Cys Arg Thr Arg Arg Leu
                                    250
His Val Ser Phe Arg Glu Val Gly Trp His Arg Trp Val Ile Ala Pro
                                265
Arg Gly Phe Leu Ala Asn Phe Cys Gln Gly Thr Cys Ala Leu Pro Glu
                            280
                                                285
Thr Leu Arg Gly Pro Gly Gly Pro Pro Ala Leu Asn His Ala Val Leu
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Arg Ala Leu Met His Ala Ala Ala Pro Thr Pro Gly Ala Gly Ser Pro
                   310
                                        315
Cys Cys Val Pro Glu Arg Leu Ser Pro Ile Ser Val Leu Phe Phe Asp
               325
                                   330
Asn Ser Asp Asn Val Val Leu Arg His Tyr Glu Asp Met Val Val Asp
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<150> 60/091,791 <151> 1998-07-06	
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ctg gcc ccc gcg cca gca tcc atg ggc ccc gct gcc gcc ctg ctc cag Leu Ala Pro Ala Pro Ala Ser Met Gly Pro Ala Ala Ala Leu Leu Gln 25 30 35	331
gtt ctt ggg ctt ccc gaa gcg ccc cgg agc gtc ccc aca cac cga cct Val Leu Gly Leu Pro Glu Ala Pro Arg Ser Val Pro Thr His Arg Pro 40 45 50	379

-			•			•							
•											gag Glu 70		427
						ctg Leu					999 Gly		475
	-	-			_	cgc Arg		-	-	 -	tcc Ser		523
						agg Arg					aca Thr	•	571
						aat Asn 125							619
						ctg Leu							667
						ctg Leu							715
						gcg Ala							763
						gcc Ala							811
						cac His 205							859
						ctg Leu							907
						cgc Arg							955
						acc Thr							1003

								Ala					Leu		aac Asn	1051
		cag Gln			-	-			-	-	_	Arg				1099
		cct Pro														1147
		ccc Pro														1195
		ccc Pro														1243
		cac His 345														1288
		ccg q							-	-	aago	cagg	gac 1	tgtti	gttca	1348 1387
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Cys Glu Asp Thr Gly Gly Trp Glu Leu Ser Val Ala Leu Trp Ala Asp Ala Glu His Pro Gly Pro Glu Leu Leu Arg Val Pro Ala Pro Pro Gly Val Leu Leu Arg Ala Asp Leu Leu Gly Thr Ala Val Ala Ala Asn Ala Ser Val Pro Cys Thr Val Arg Leu Ala Leu Ser Leu His Pro Gly Ala Thr Ala Ala Cys Gly Arg Leu Ala Glu Ala Ser Leu Leu Leu Val Thr Leu Asp Pro Arg Leu Cys Pro Leu Pro Arg Leu Arg Arg His Thr Glu Pro Arg Val Glu Val Gly Pro Val Gly Thr Cys Arg Thr Arg Arg Leu His Val Ser Phe Arg Glu Val Gly Trp His Arg Trp Val Ile Ala Pro Arg Gly Phe Leu Ala Asn Phe Cys Gln Gly Thr Cys Ala Leu Pro Glu Thr Leu Arg Gly Pro Gly Gly Pro Pro Ala Leu Asn His Ala Val Leu Arg Ala Leu Met His Ala Ala Ala Pro Thr Pro Gly Ala Gly Ser Pro Cys Cys Val Pro Glu Arg Leu Ser Pro Ile Ser Val Leu Phe Phe Asp Asn Ser Asp Asn Val Val Leu Arg His Tyr Glu Asp Met Val Val Asp Glu Cys Gly Cys Arg